Assignment 4

1.  ```
    function test()
    {
            console.log(a);
            let a = 10;
            console.log(a);
            }
    ```

    ```
    var a = 20;
    console.log(a);
    test();
    ```

    <u>Output:</u>
    20
    ReferenceError: Cannot access 'a2' before initialization

    => Let declarations are hoisted to the top like var but are in temporal dead zone until the code reaches its declaration

2.  ```
    function test()
    {
            console.log(a);
            var a = 10;
            console.log(a);
            }
    ```

    ```
    var a = 20;
    console.log(a);
    test();
    ```

    <u>Output:</u>
    20
    Undefined
    10

    => Var declaration are hoisted at top and initialized as undefined until it reaches it declaration